

Appl. No. : Unknown
Filed : Herewith

AMENDMENTS TO THE CLAIMS

1. **(Original)** A complex oxide having a composition represented by the formula $\text{Ln}_{1-x}\text{MxNiO}_y$; wherein Ln is a lanthanide, M is at least one element selected from the group consisting of Na, K, Li, Zn, Pb, Ba, Ca, Al, Bi, and rare earth elements being not the same as Ln; and $0 \leq x \leq 0.8$; and $2.7 \leq y \leq 3.3$, the complex oxide having a negative Seebeck coefficient at 100°C or higher.

2. **(Original)** A complex oxide having a composition represented by the formula $\text{Ln}_{1-x}\text{MxNiO}_y$; wherein Ln is a lanthanide, M is at least one element selected from the group consisting of Na, K, Li, Zn, Pb, Ba, Ca, Al, Bi, and rare earth elements being not the same as Ln; $0 \leq x \leq 0.8$; and $2.7 \leq y \leq 3.3$, the complex oxide having an electrical resistivity of $1 \Omega\text{cm}$ or less at 100°C or higher.

3. **(Original)** A complex oxide having a composition represented by the formula $(\text{Ln}_{1-x}\text{Mx})_2\text{NiO}_y$; wherein Ln is a lanthanide, M is at least one element selected from the group consisting of Na, K, Li, Zn, Pb, Ba, Ca, Al, Bi, and rare earth elements being not the same as Ln; $0 \leq x \leq 0.8$; and $3.6 \leq y \leq 4.4$, the complex oxide having a negative Seebeck coefficient at 100°C or higher.

4. **(Original)** A complex oxide having a composition represented by the formula $(\text{Ln}_{1-x}\text{Mx})_2\text{NiO}_y$; wherein Ln is a lanthanide, M is at least one element selected from the group consisting of Na, K, Li, Zn, Pb, Ba, Ca, Al, Bi, and rare earth elements being not the same as Ln; $0 \leq x \leq 0.8$, and $3.6 \leq y \leq 4.4$, the complex oxide having an electrical resistivity of $1 \Omega\text{cm}$ or less at 100°C or higher.

5. **(Currently amended)** An n-type thermoelectric material comprising the complex oxide of Claim 1. ~~any one of Claims 1 to 4.~~

6. **(Original)** A thermoelectric module comprising the n-type thermoelectric material of Claim 5.